Docket No.: PUAM-0259
App No.: Not Yet Assigned Filed: Herewith
Title: Substrate Analogs For MurG, Methods Of Making Same And Assays Using Same
Inventors: Suzanne Walker Kahne, Hongbin Men, Peter Park and Min Ge
Attorney: Angela Verrecchio Phone: (215) 568-3100
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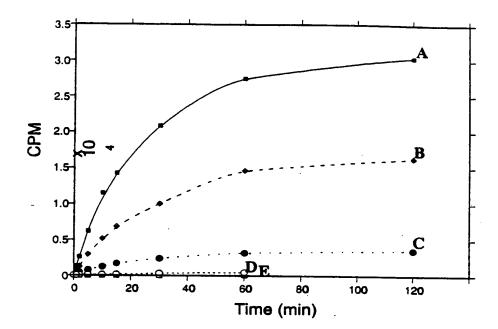
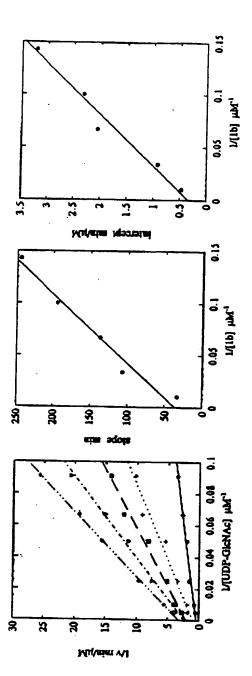


Figure 1

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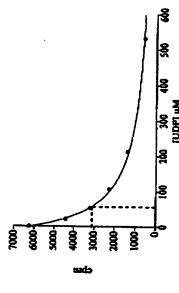


Figures 2 (a) , 2 (b) and 2 (c)

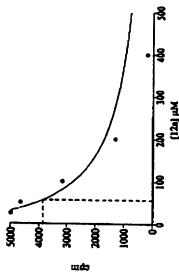
Initial Rate Data for wild-type MurG using synthetic substrate analog 1b.

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Figures 3 (a) and 3 (b)



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## Figure 4

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## Figure 5

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## Figure 6

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## Figure 7

g (9 R1=TMSE, R2=TEOC, R3=TMSE > 18 R1=H, R2=H, R3=H h (15 R1=H, R2=6-((blottnoyl)amino)hexancic amide, R3=H

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Figure 8